

STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING **ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/539,476 A
Source: PG
Date Processed by STIC: 3/16/06

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

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FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 4.4.0 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<**<http://www.uspto.gov/ebc/efs/downloads/documents.htm>**> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):
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Revised 01/10/06



pe-1

RAW SEQUENCE LISTING

DATE: 03/16/2006

PATENT APPLICATION: US/10/539,476A

TIME: 11:37:42

Input Set : A:\Sequence Listing Project.txt

Output Set: N:\CRF4\03162006\J539476A.raw

3 <110> APPLICANT: Centro de Ingenieria Genetica y Biotecnologia
 5 <120> TITLE OF INVENTION: ARTIFICIAL PROMOTOR FOR THE EXPRESSION OF DNA SEQUENCES IN
 PLANT CELLS

7 <130> FILE REFERENCE: 976-26 PCT/US
 9 <140> CURRENT APPLICATION NUMBER: 10/539,476A
 10 <141> CURRENT FILING DATE: 2005-06-20
 12 <150> PRIOR APPLICATION NUMBER: PCT/CU2003/00018
 13 <151> PRIOR FILING DATE: 2003-12-19
 15 <150> PRIOR APPLICATION NUMBER: CU 2002/0337
 16 <151> PRIOR FILING DATE: 2002-12-27
 18 <160> NUMBER OF SEQ ID NOS: 34
 20 <170> SOFTWARE: PatentIn version 3.1

22 <210> SEQ ID NO: 1

23 <211> LENGTH: 86

24 <212> TYPE: DNA

25 <213> ORGANISM: artificial sequence

27 <220> FEATURE:

28 <223> OTHER INFORMATION: synthetic (peptide)

30 <400> SEQUENCE: 1

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60

33 ttgacaaca caactaaaca accatg

86

36 <210> SEQ ID NO: 2

37 <211> LENGTH: 198

38 <212> TYPE: DNA

39 <213> ORGANISM: artificial sequence

41 <220> FEATURE:

42 <223> OTHER INFORMATION: synthetic (peptide)

44 <400> SEQUENCE: 2

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60

47 ccaccacctc ctcttcaca caacacacac acaacagatc tcccccatcc tccctcccg

120

49 cgcgcgcgc aacacctggt aagatggctg tgcgctcaga tatatatagt gatatgcact

180

51 acaaagatca taactagt

198

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55 <211> LENGTH: 231

56 <212> TYPE: DNA

57 <213> ORGANISM: artificial sequence

59 <220> FEATURE:

60 <223> OTHER INFORMATION: synthetic (peptide)

62 <400> SEQUENCE: 3

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120

67 cccagatcgg tgcgcgtttt tttatttggg ggggcgggat ctgcggctg ggtctcggcg

180

69 tgcggccgga ttctcgcggg gaatggggct ctcggaagt gatccgagct c

231

72 <210> SEQ ID NO: 4

pg 1-6
 Does Not Comply
 Corrected Diskette Needed

This is not a peptide sequence. Just use "synthetic construct"

same error

RAW SEQUENCE LISTING

DATE: 03/16/2006

PATENT APPLICATION: US/10/539,476A

TIME: 11:37:42

Input Set : A:\Sequence Listing Project.txt

Output Set: N:\CRF4\03162006\J539476A.raw

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75 <213> ORGANISM: artificial sequence
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78 <223> OTHER INFORMATION: synthetic peptide
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85 cgtcaggatt agatgtgctt gatctttctt tcttcttttt gtgggtagaa tttgaatccc      180
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95 <213> ORGANISM: artificial sequence
97 <220> FEATURE:
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109 <213> ORGANISM: artificial sequence
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119 agtgatatgc actacaaaga tcataactag accgcgcgct cccccccccc cctctctac      180
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123 tttgggggag agaggcggct tcgtcgccca gatcggtgag cgttttttta tttggagggg      300
125 cgggatctcg cggctgggtc tcggcggtgc gccggattct cgcggggaat ggggctctcg      360
127 gatgtggatc tgatccgccc ttgttggggg agatatgggg cgtttaaaat ttcgccatgc      420
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131 gctgctcgtc aggattagat gtgcttgatc tttctttctt ctttttgtgg gtagaatttg      540
133 aatccctcag cattgttcat cggtagtttt tcttttgcg atgctcacc tgttgtttg      600
135 tgtttttata ctagtggcta tcttgacacg gtctctttgt caaatatctc tgtgtgcagg      660
137 tataactgca ggaaacaaca acaataacca tg                                         692
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143 <213> ORGANISM: artificial sequence
145 <220> FEATURE:
146 <223> OTHER INFORMATION: synthetic peptide
148 <400> SEQUENCE: 7
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153 cgcgcgcgcg aacacctggt aagatggctg tgcgctcaga tatatatagt gatatgcact      180

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PATENT APPLICATION: US/10/539,476A

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Input Set : A:\Sequence Listing Project.txt

Output Set: N:\CRF4\03162006\J539476A.raw

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155 acaaagatca taactagacc gccgcctccc cccccccccc tctctacctt ctctctttct 240
157 ttctccgttt tttttttccg tctcgtctcg atctttggcc ttggtagttt gggggcgaga 300
159 ggcggcttcg tcgcccagat cgggtgcgct ttttttattt ggaggggcgg gatctcgcgg 360
161 ctgggtctcg gcgtgcggcc ggattctcgc ggggaatggg gctctcggat gtggatctga 420
163 tccgccgttg ttgggggaga tatggggcgt ttaaaatttc gccatgctaa acaagatcag 480
165 gaagagggga aaagggcact atggtttaat ttttatatat ttctgctgct gctcgtcagg 540
167 attagatgtg cttgatcttt ctttcttctt tttgtgggta gaatttgaat ccctcagcat 600
169 tgttcatcgg tagtttttct tttgtcgatg ctcaccctgt tgtttggtgt ttttatacta 660
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182 <223> OTHER INFORMATION: synthetic peptide
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187 tcctccctcc cgtcgcgcgc cgcaacacct ggtaagatgg ctgtgcgctc agatatatat 120
189 agtgatatgc actacaaaga tcataactag accgccgctt cccccccccc ccctctctac 180
191 ctctctctct tctttctcgc tttttttttt cgtctcgtc tcgatctttg gccttggtag 240
193 tttgggggag agagggcggt tcgtgcgcca gatcgggtgc cgttttttta tttggagggg 300
195 cgggatctcg cggctgggtc tcggcggtgc gccggattct cgcggggaat ggggctctcg 360
197 gatgtggatc tgatccgccc ttgttggggg agatatgggg cgtttaaaat ttccgcatgc 420
199 taaacaagat caggaagagg ggaaaagggc actatggttt aatttttata tatttctgct 480
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213 <211> LENGTH: 815
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225 cgcgcgcgcg aacacctggt aagatggctg tgcgctcaga tatatatagt gatatgcact 180
227 acaaagatca taactagacc gccgcctccc cccccccccc tctctacctt ctctctttct 240
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239 attagatgtg cttgatcttt ctttcttctt tttgtgggta gaatttgaat ccctcagcat 600
241 tgttcatcgg tagtttttct tttgtcgatg ctcaccctgt tgtttggtgt ttttatacta 660
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RAW SEQUENCE LISTING

DATE: 03/16/2006

PATENT APPLICATION: US/10/539,476A

TIME: 11:37:42

Input Set : A:\Sequence Listing Project.txt

Output Set: N:\CRF4\03162006\J539476A.raw

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251 <211> LENGTH: 184
252 <212> TYPE: DNA
253 <213> ORGANISM: artificial sequence
255 <220> FEATURE:
256 <223> OTHER INFORMATION: synthetic peptide
258 <400> SEQUENCE: 10
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261 aaaaaagaaa aagaaaaaac agcaggtggg tccgggtcgt gggggccgga aaagcgagga 120
263 ggatcgcgag cagcgacgag gccggccctc cctccgcttc caaagaaacg ccccccatca 180
265 attc 184
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269 <211> LENGTH: 94
270 <212> TYPE: DNA
271 <213> ORGANISM: artificial sequence
273 <220> FEATURE:
274 <223> OTHER INFORMATION: synthetic peptide
276 <400> SEQUENCE: 11
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279 gccactggc aaatagtctc cacaccccg cact 94
282 <210> SEQ ID NO: 12
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285 <213> ORGANISM: artificial sequence
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288 <223> OTHER INFORMATION: synthetic peptide
290 <400> SEQUENCE: 12
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295 cagctctcgc agccaaaaaa aaaaaaagaa agaaaaaaa gaaaaagaaa aaacagcagg 180
297 tgggtccggg tctgtggggc cggaaaagcg aggaggatcg cgagcagcga cgaggccggc 240
299 cctccctcgc cttccaaaga aacgcccccc atcaattcta tatataggaa gttcatttca 300
301 tttggagccc cccaacccta ccaccaccac caccaccacc tcctccttca cacaacacac 360
303 acacaacaga tctcccccat cctccctccc gtgcgcgcgc gcaacacctg gtaagatggc 420
305 tgtgcgctca gatatatata gtgatatgca ctacaaagat cataactaga ccgccgcctc 480
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323 aaatatctct gtgtgcaggt ataactgcag gaaacaaatt gaacatcatt ctatcaatac 1020
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327 agagctc 1087
330 <210> SEQ ID NO: 13

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RAW SEQUENCE LISTING

DATE: 03/16/2006

PATENT APPLICATION: US/10/539,476A

TIME: 11:37:42

Input Set : A:\Sequence Listing Project.txt

Output Set: N:\CRF4\03162006\J539476A.raw

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344 <212> TYPE: DNA
345 <213> ORGANISM: artificial sequence
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348 <223> OTHER INFORMATION: synthetic peptide
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353 tccgcaccac cgcacgtctc gcagccaaaa aaaaaaaaaaag aaagaaaaaa aagaaaaaga 120
355 aaaaacagca ggtgggtccg ggctcgtgggg gccggaaaag cgaggaggat cgctgacgct 180
357 tcgaatgacg cacatgcccg agcagcgacg aggcgggccc tccctccgct tccaaagaaa 240
359 cgccccccat caattctata tataggaagt tcatttcatt tggagcccc caaccctacc 300
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369 ggggggcgaga ggcggcttcg tcgcccagat cgggtgcgcgt ttttttattt ggagggggcg 600
371 gatctcgcgg ctgggtctcg gcgtgcggcc ggattctcgc ggggaatggg gctctcggat 660
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377 gctcgtcagg attagatgtg cttgatcttt ctttcttctt tttgtgggta gaatttgaat 840
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403 aagaaaaaga aaaaacagca ggtgggtccg ggctcgtgggg gccggaaaag cgaggaggat 240
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407 tccaaagaaa cgccccccat caattctata tataggaagt tcatttcatt tggagcccc 360
409 caaccctacc accaccacca ccaccacctc ctccctcaca caacacacac acaacagatc 420
411 tcccccatcc tccctcccggt cgcgcgcgcg aacacctggt aagatggctg tgcgctcaga 480
413 tatatatagt gatatgcact acaaagatca taactagacc gccgcctccc ccccccccc 540
415 tctctacctt ctctctttct ttctccggtt tttttttccg tctcgtctcg atctttggcc 600

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This type of error appears in subsequent sequences.

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 03/16/2006
PATENT APPLICATION: US/10/539,476A TIME: 11:37:43

Input Set : A:\Sequence Listing Project.txt
Output Set: N:\CRF4\03162006\J539476A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:24; N Pos. 8

VERIFICATION SUMMARY

DATE: 03/16/2006

PATENT APPLICATION: US/10/539,476A

TIME: 11:37:43

Input Set : A:\Sequence Listing Project.txt

Output Set: N:\CRF4\03162006\J539476A.raw

L:667 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:0